



1) Date: February 7, 1983
 2) Operator's Well No. P--14
 3) API Well No. 47 State 073 County 1600 Permit

DRILLING CONTRACTOR:

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 1140' Watershed: Sharps Run
 District: Jefferson County: Pleasants Quadrangle: Schultz 7.5'
- 6) WELL OPERATOR PRENCO 11) DESIGNATED AGENT Denzil L. Prather
 Address P. O. Box 91 Address P. O. Box 91
 Mineral Wells, WV 26150 Mineral Wells, WV 26150
- 7) OIL & GAS ROYALTY OWNER G.S.M. Powell Ers. 12) COAL OPERATOR None
 Address Belmont, WV Address _____
- 8) SURFACE OWNER Harry L. Sigler, Jr. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Rt. #3 Name _____
 St. Marys, WV 26170 Address _____
 Acreage 92.50
- 9) FIELD SALE (IF MADE) TO: Name _____
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED Name _____
 Address Robert A. Lowther Address _____
 General Delivery Middlebourne, WV 26149 PH: 758-4764
- 15) PROPOSED WORK: Drill / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Devonian Shale
 17) Estimated depth of completed well, 5000 feet
 18) Approximate water strata depths: Fresh, n/a feet; salt, n/a feet.
 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No

RECEIVED
FEB 8 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES
COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water	8 5/8			X			400'	To surface		
Coal										
Intermediate	6 5/8			X			1200'	To surface		
Production	4 1/2			X			4000'	280 sks.	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

- 21) EXTRACTION RIGHTS
 Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

- 23) Required Copies (See reverse side.)
 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Elizabeth F. Snyder
 My Commission Expires June 12, 1990

Signed: Denzil L. Prather
 Its: Designated Agent

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-073-1600 Date February 9, 1983

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires October 9, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: Blanket	Agent: [Signature]	Plat: [Signature]	Casing: [Signature]	Fee: 244
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[Signature]
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith,
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19_____

By _____

Its _____

PRENCO

STATE ROUTE 14 - P.O. BOX 91
MINERAL WELLS, WEST VIRGINIA 26150

PHONE
304-489-2221

PHONE
304-489-2222

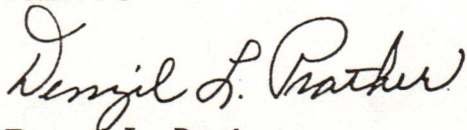
November 18, 1982

Royalty owners: G. S. M. Powell Hrs. - P-10

1/8th Royalty

Marguerite Powell	Belmont, WV	6/18
Robert Streitenberger	Rt. 2 - Box 248X Williston, FL	6/18
Mary Lou Hague	1011 51st St. Vienna, WV	1/18
Daisy Deem	408-B 58th St. Vienna, WV	1/18
James E. Deem	614 39th St. Vienna, WV	1/18
B. C. Deem, Jr.	2801 Morningside Ave. Parkersburg, WV	1/18
Margaret R. Rolfer	12302 Gamma St. Garden Grove, CA	1/18
Anna C. Farnsworth	3102 25th Street Parkersburg, WV	1/18

PRENCO



Denzil L. Prather
Designated Agent

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FEB 8 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

CONFIDENTIAL INFORMATION - NOT TO BE PUBLISHED.



#1133

IV-9
(Rev 8-81)

DATE Jan. 27, 1983

WELL NO. P-14

State of West Virginia API NO. 47 - 073 - 1600

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PRENCO DESIGNATED AGENT Denzil L. Prather

Address Box 91, Mineralwells WV 26150 Address Same

Telephone 489-2221/2222 Telephone _____

LANDOWNER H. L. Sigler, Jr. SOIL CONS. DISTRICT Upper Ohio

Revegetation to be carried out by Darrell Null (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan:

2/3/83
(Date)

Kenneth P. Mason
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)

Structure Diversion Ditch (1)

Spacing _____

Material Earth

Page Ref. Manual 2-12

Page Ref. Manual 2-12

Structure Culverts (B)

Structure Rip-rap (2)

Spacing 24" diameter

Material Logs

Page Ref. Manual 2-7

Page Ref. Manual n/a

FEB 8 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Structure Cross-drain (C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual 2-1

Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch Hay 1.5 Tons/acre

Mulch Hay 1.5 Tons/acre

Seed* Ky 31 Fescue 30 lbs/acre

Seed* Ky 31 Fescue 30 lbs/acre

Perennial Ryegrass 30 lbs/acre

Perennial Ryegrass 30 lbs/acre

Alsike Clover 10 lbs/acre

Alsike Clover 10 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY David W. Batten

ADDRESS Box 91, Mineralwells WV

489-2221/2222


PHONE NO.


NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

IV-9 REVERSE
(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Schultz 7 $\frac{1}{2}$ '

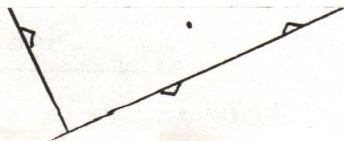
LEGEND

Well Site 

Access Road 



B-15



PRENCO

STATE ROUTE 14 - P.O. BOX 91
MINERAL WELLS, WEST VIRGINIA 26150

PHONE
304-489-2221

PHONE
304-489-2222

February 7, 1983

Jefferson District
Pleasants Co., W. Va.
G. S. M. Powell Heirs
145 acres
Recorded Feb. 7, 1968
Lease Book 121, page 405
1/8th Royalty to be paid

AFFIDAVIT

I, Denzil L. Prather (the above designated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above-named coal operator, co-owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Signed: Denzil L. Prather
~~Owner, Operator, or~~ Authorized Representative

Notary : Elizabeth J. Snider (Signed)

My commission expires June 12, 1990

RECEIVED

FEB 8 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

HALLIBURTON SERVICES JOB SUMMARY

FORM 2025

HALLIBURTON DIVISION Pittsburgh
HALLIBURTON LOCATION RENO

BILLED ON TICKET NO. 578662

WELL DATA

FIELD Schultz SEC. Dist. Jefferson COUNTY Picayunes STATE W.V.

FORMATION NAME N/A TYPE N/A

FORMATION THICKNESS FROM TO

INITIAL PROD: OIL SPD. WATER SPD. GAS MCFD

PRESENT PROD: OIL SPD. WATER SPD. GAS MCFD

COMPLETION DATE MUD TYPE MUD WT.

PACKER TYPE SET AT

BOTTOM HOLE TEMP. PRESSURE

MISC. DATA 10" 1 1/2" 11-1/2" TOTAL DEPTH 1500

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>20#</u>	<u>8 7/8</u>	<u>BL</u>	<u>1485</u>	<u>800</u>
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-7-83</u>	DATE <u>6-7-83</u>	DATE <u>6-7-83</u>	DATE <u>6-7-83</u>
TIME <u>0630</u>	TIME <u>0730</u>	TIME <u>1030</u>	TIME <u>1600</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE	<u>1</u>	<u>Halco</u>
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	<u>1</u>	<u>"</u>
HEAD	<u>1</u>	<u>"</u>
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. MERCEE</u>	<u>99160 OPER</u>	<u>RENO</u>
<u>A. SIMMONS</u>	<u>0610 61-C</u>	<u>"</u>
<u>E. RAYBURN</u>	<u>50887 BM</u>	<u>"</u>
<u>S. SCHOFIELD</u>	<u>50886 BM</u>	<u>"</u>
<u>T. BERGA</u>	<u>50219 BM</u>	<u>"</u>

MATERIALS

TREAT. FLUID DENSITY LB/GAL. API

DISPL. FLUID DENSITY LB/GAL. API

PROP. TYPE SIZE LB.

ACID TYPE GAL. %

SURFACTANT TYPE GAL. IN

NE AGENT TYPE GAL. IN

FLUID LOSS ADD. TYPE GAL.-LB. IN

GELLING AGENT TYPE GAL.-LB. IN

FRIC. RED. AGENT TYPE GAL.-LB. IN

BREAKER TYPE GAL.-LB. IN

BLOCKING AGENT TYPE GAL.-LB.

PERF PAC BALLS TYPE QTY.

OTHER Nov 30 SK Halco Gel to Land Note

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 8 7/8" Surface

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Edo. R. H. H. H.

HALLIBURTON OPERATOR Ron Mercer COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>375</u>	<u>Com</u>	<u>H</u>	<u>Halco</u>	<u>B</u>	<u>3/16 CC 4" Floccle</u>	<u>1.18</u>	<u>15.6</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING 150 DISPLACEMENT 350-500 PRES LUSH: BBL-GAL. 150 TYPE 691 H2O

BREAKDOWN MAXIMUM 500 LOAD & BKDN: BBL-GAL. PAD: BBL-GAL.

AVERAGE FRACTURE GRADIENT TREATMENT: BBL-GAL. DISPER: BBL-GAL. 83.78

SHUT-IN: INSTANT 5-MIN. 15-MIN. CEMENT SLURRY: BBL-GAL. 78.90

TOTAL VOLUME: BBL-GAL.

REMARKS no Circulation

ORDERED AVAILABLE USED

AVERAGE RATES IN BPM

TREATING DISPL. OVERALL

CEMENT LEFT IN PIPE

FEET 197' REASON Bridged off

CUSTOMER



IV-35
(Rev 8-81)

State of West Virginia
Department of Mines
Oil and Gas Division

Date May 8, 1984
Operator's Well No. P-14
Farm G S M Powell Heirs
API No. 47-073 - 1600

RECEIVED
MAY 9 - 1984

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

OIL & GAS DIVISION

DEPT. OF MINES

WELL TYPE: Oil / Gas XX / Liquid Injection / Waste Disposal /
(If "Gas," Production XX / Underground Storage / Deep / Shallow XX)

LOCATION: Elevation: 1140' Watershed Sharps Run
District: Jefferson County Pleasants Quadrangle Schultz 7 1/2'

COMPANY PRENCO
ADDRESS Box 91, Mineralwells WV
DESIGNATED AGENT Denzil L. Prather
ADDRESS Same
SURFACE OWNER Harry L. Sigler, Jr.
ADDRESS Schultz, WV
MINERAL RIGHTS OWNER G S M Powell Heirs
ADDRESS Belmont, WV
OIL AND GAS INSPECTOR FOR THIS WORK
R. Lowther ADDRESS Middlebourne, WV
PERMIT ISSUED Feb. 9, 1983
DRILLING COMMENCED May 18, 1983
DRILLING COMPLETED July 13, 1983
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
## 10"	565'	pulled	none
9 5/8			
8 5/8	1283'	1283'	surface
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian shale Depth 5000 feet
Depth of completed well 2506 feet Rotary / Cable Tools XX
Water strata depth: Fresh n/a feet; Salt n/a feet
Coal seam depths: none Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Big Injun Pay zone depth +1900 feet
Gas: Initial open flow 250 Mcf/d Oil: Initial open flow --- Bbl/d
Final open flow 160 Mcf/d Final open flow --- Bbl/d
Time of open flow between initial and final tests 264 hours
Static rock pressure 180 psig (surface measurement) after 12 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

PLEASANTS 1600

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Not applicable; natural production.

RECEIVED
 MAY 10 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
red & gray shale, sand			0	1205	
sandstone			1205	1285	
gray shale			1285	1315	
black shale			1315	1330	
dk gray shale			1330	1360	
sandstone			1360	1425	
dk gray shale			1425	1435	
sandstone			1435	1492	
gray shale			1492	1520	
sandstone			1520	1530	
gray shale			1530	1560	
sandstone			1560	1590	
gray shale			1590	1640	
sandstone			1640	1682	
gray shale			1682	1733	
sandstone			1733	1780	
limestone			1780	1820	Big Lime
sandstone			1820	1927	gas @ 1900
gray shale, siltstone			1927	1945	
sandstone			1945	1965	
shaly siltstone, shale			1965	2355	Berea @ 2355
siltstone, fine to coarse			2355	2506	TD

(Attach separate sheets as necessary)

PRENCO

Well Operator

By: David W. Batten Geologist

Date: May 8, 1984

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED
JUN 17 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 073-1600

Oil or Gas Well _____
(KIND)

Company <u>Preenco</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>mineral wells well</u>	Size			
Farm <u>H. L. Sigler Jr</u>	16			Kind of Packer _____
Well No. <u>P-14</u>	13			
District <u>Jefferson</u> County <u>Pleasant</u>	10			Size of _____
Drilling commenced _____	8 1/4	<u>1284</u>	<u>1284</u>	
Drilling completed _____ Total depth <u>1414</u>	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>1284</u> No. <u>FT 6-P-83</u> Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Halliburton</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks

Cemented with 375 SKS cement

June 15 1983
DATE

R. A. Lowther
DISTRICT WELL INSPECTOR



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY precco

PERMIT NO 47-073-1600

FARM & WELL NO higher P-14

DIST. & COUNTY Jefferson pleasant

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strenght		
15.05	Cement Type		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings		

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R. A. Lanthier
DATE Jan 24, 1986

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

Administrator-Oil & Gas Division

DATE



RECEIVED
JUN 1 - 1984

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
May 16, 1984

COMPANY PRENCO
P. O. Box 91
Mineralwells, West Virginia 26150

PERMIT NO 073-1600
FARM & WELL NO G S M Powell, P-14
DIST. & COUNTY Jefferson/Pleasants

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	✓	
25.04	Prepared before Drilling to Prevent Waste	✓	
25.03	High-Pressure Drilling	✓	
16.01	Required Permits at Wellsite	✓	
15.03	Adequate Fresh Water Casing	✓	
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing	✓	
15.04	Adequate Cement Strength	✓	
15.05	Cement Type	✓	
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R. A. Lowther

DATE May 30, 1984

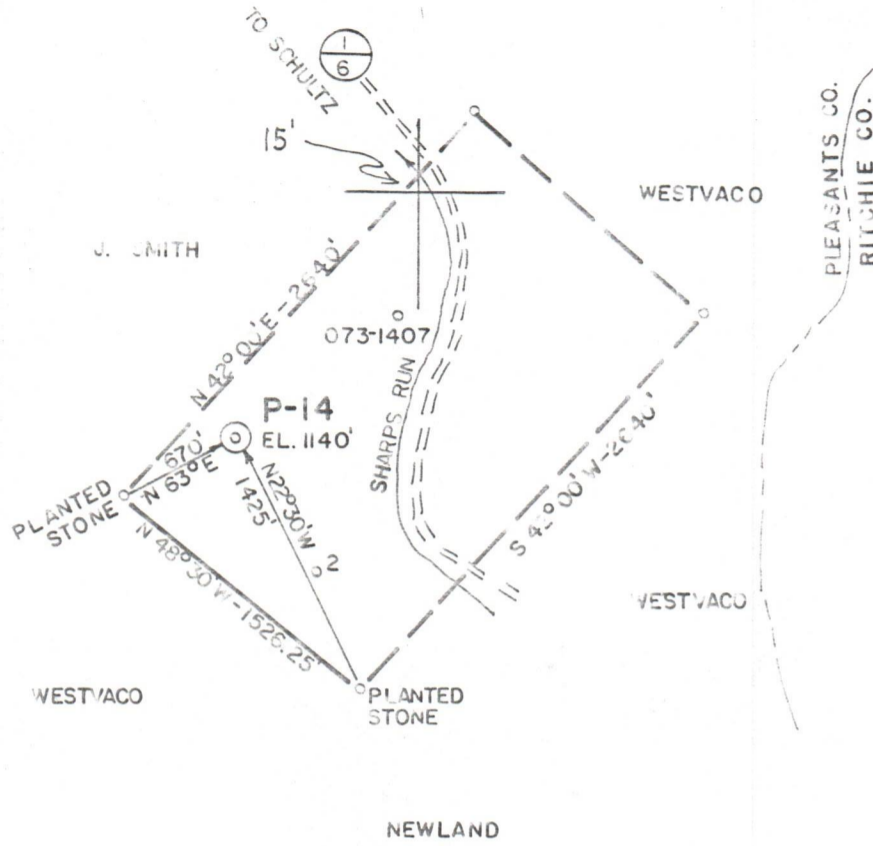
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. r. B. B.
Administrator-Oil & Gas Division

June 6, 1984

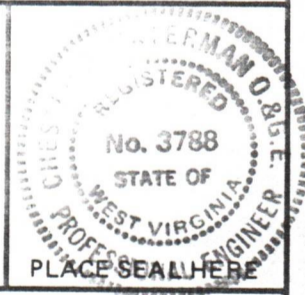
DATE

NORTH



FILE NO. 83-54
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION WELL 1407 (944')

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Chet Waterman
 R.P.E. 3788 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 2/3, 19 83
 OPERATOR'S WELL NO. P-14
 API WELL NO. _____
47 - 073 - 1600
 STATE COUNTY PERMIT

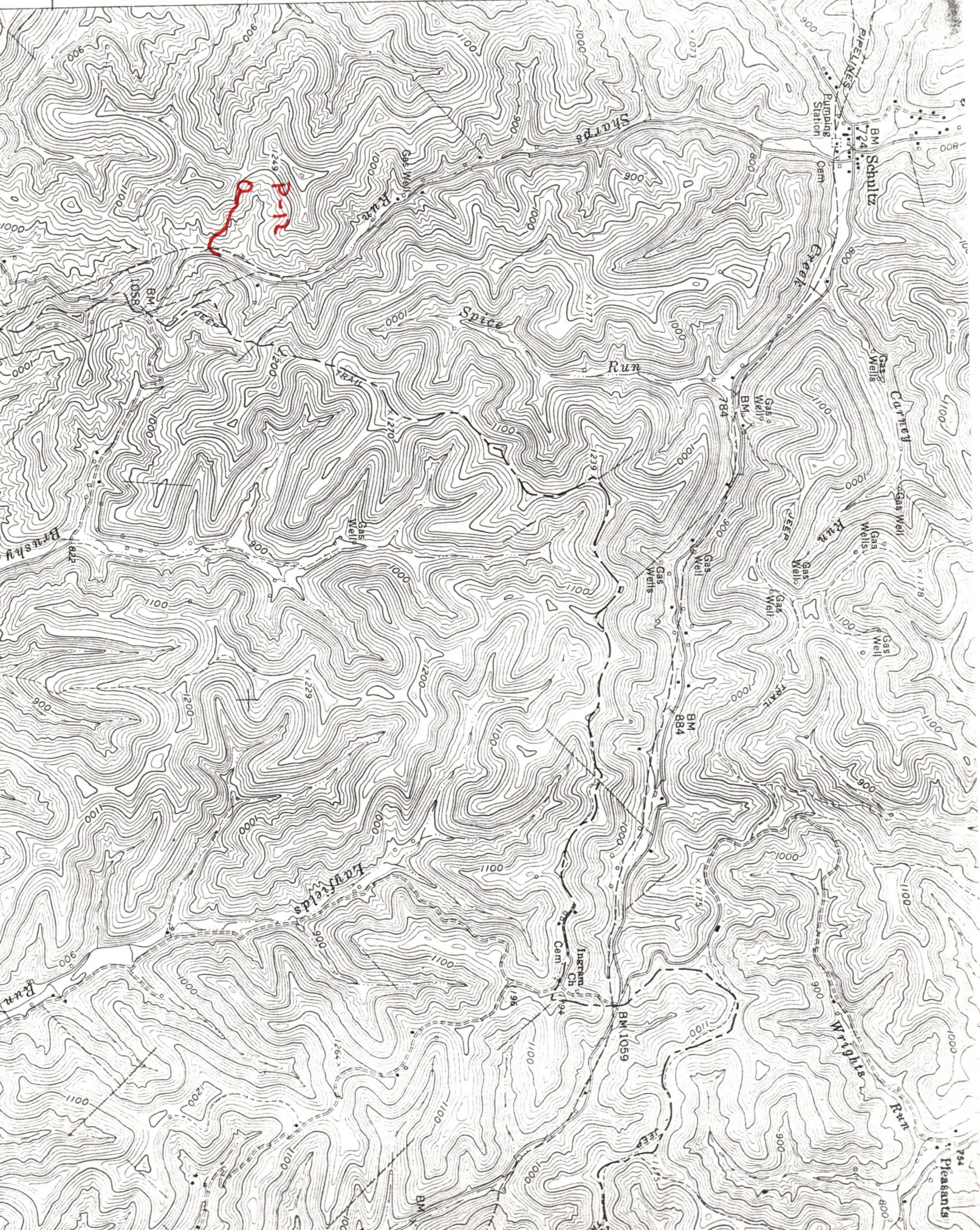
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1140' WATER SHED SHARPS RUN
 DISTRICT JEFFERSON COUNTY PLEASANTS
 QUADRANGLE SCHULTZ 7.5'
 SURFACE OWNER HARRY L. SIGLER, JR. ACREAGE 92.5
 OIL & GAS ROYALTY OWNER G. S. M. POWELL HEIRS LEASE ACREAGE 92.5
 LEASE NO. 51
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5000'
 WELL OPERATOR PRENCO DESIGNATED AGENT DENZIL PRATHER
 ADDRESS P. O. BOX 91 ADDRESS SAME
MINERAL WELLS, WV 26150

PLEASANTS 1600

Pleas. 1600

(WILLOW ISLAND)

1730'





IV-9
(Rev 8-81)

DATE Jan. 27, 1983

WELL NO. P-14

API NO. 47 - 073 - 1600

State of West Virginia

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PRENCO DESIGNATED AGENT Denzil L. Prather

Address Box 91, Mineralwells WV 26150 Address Same

Telephone 489-2221/2222 Telephone _____

LANDOWNER H. L. Sigler, Jr. SOIL CONS. DISTRICT Upper Ohio

Revegetation to be carried out by Darrell Null (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan: _____

2/3/83
(Date)

Kenneth P. Mason
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A) Structure Diversion Ditch (1)

Spacing _____ Material Earth

Page Ref. Manual 2-12 Page Ref. Manual 2-12

Structure Culverts (B) Structure Rip-rap (2)

Spacing 24" diameter Material Logs

Page Ref. Manual 2-7 Page Ref. Manual n/a

Structure Cross-drain (C) Structure _____ (3)

Spacing _____ Material _____

Page Ref. Manual 2-1 Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch Hay 1.5 Tons/acre

Mulch Hay 1.5 Tons/acre

Seed* Ky 31 Fescue 30 lbs/acre

Seed* Ky 31 Fescue 30 lbs/acre

Perennial Ryegrass 30 lbs/acre

Perennial Ryegrass 30 lbs/acre

Alsike Clover 10 lbs/acre

Alsike Clover 10 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY David W. Batten

ADDRESS Box 91, Mineralwells WV

489-2221/2222

PHONE NO. _____

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

#1133

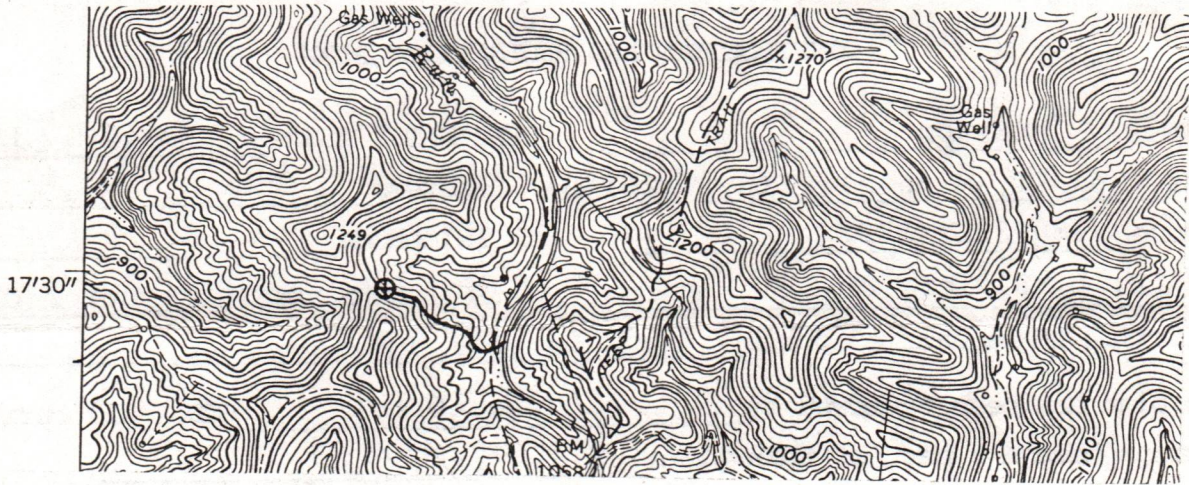
RECEIVED

FEB 8 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Schultz 7 $\frac{1}{2}$ '

LEGEND	
Well Site	
Access Road	



WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND	
Property boundary	
Road	
Existing fence	
Planned fence	
Stream	
Open ditch	
Diversion	
Spring	
Wet spot	
Building	
Drain pipe	
Waterway	

